



IRON FIREMAN

Iron Man

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Left to right: Emil Knuth, Albert Kall, Arline Nicoll, Robert Richards, Bob Cummings, Ed Sinclair, Don Allen, T. G. Aleckson, Eugene Boizer.

TOOL DESIGN

The function of this department (with the co-operation of management, engineering and the tool room) is to provide the shop with the necessary tooling and equipment for mass production. Tools are defined as tools, dies and fixtures of all kinds. While this department can honestly be referred to as "the backbone of industry," our own particular department feels they are in an equal measure the servant of the shop. Their interest is to equip the shop with the

best tooling possible not only for good production but to save on production costs. Tool Design also works as a coordinator to the engineering design department for the standardization and simplification of parts.

During the war, it has been proven the most essential of departments, with its mass production of aircraft and other parts. The tools not only made it possible for better and faster production but for interchangeability

(Continued on Page 4)

RED CROSS DRIVE MARCH 1-15

Yes, the Red Cross Drive is on! And Iron Fireman's goal is \$1290 for all the Portland plants. All of us know how important the work of the Red Cross is, and we are confident that we will reach our goal, or even top it!

Cards will be given to each of us and are to be filled out and returned with our contributions. If you prefer, you may authorize payroll deductions.

In the year ahead, Red Cross activities will focus on the needs of the devastated peoples in Europe and the Far East, and on the many problems confronting veterans who are in need of help and advice.

Red Cross clubs are still operating in areas where armed forces are stationed, and provide recreation, information, financial assistance and entertainment.

The Red Cross seeks to help veterans with personal problems, securing government benefits and securing financial aid, and provides special services for those in veterans' hospitals—recreation and entertainment, instruction in arts and crafts, transportation.

Clothing, special foods, and medical supplies and equipment are made available for distribution to civilian populations in war devastated areas through national Red Cross societies, and are dispensed solely on the basis of need.

The Red Cross has been authorized by Congress to assume responsibility for disaster relief in event of fire,

(Continued on Page 2)

GIVE—so your

RED CROSS



can carry on!

"The Measure of a Man"

AN EDITORIAL BY E. LEE COE

One of the lines in Fred Elliott's editorial last month began, "Nor do we measure a man." And that's just it—we don't measure a man. In the first place, we observe only a few facets of a man's total character, so our attempted measurement is incomplete. What



E. Lee Coe

measurements we do make are in terms of vague generalities, so we attain no precision; and the worth of the qualities we see depends upon our individual prejudices growing out of our education and heritage, so we introduce observer error. Not only that, but the results of our observations are of value only to ourselves, because no one knows how to standardize the results.

Contrast this with the mechanical measurements made in our shop. We measure in terms of feet and inches, down to ten-thousandth of an inch or less, when necessary. Furthermore, the Iron Fireman foot and inch are the same as those of Ford, General Motors, General Electric, and Joe Doakes. The unit is standard, so that anyone can interpret and apply it. The measurements are made with the aid of precision instruments which read alike for everyone, removing the observer error. The results are useful because mathematics have been developed to predict their effects.

This is, indeed, a far cry from the conditions prevailing when James Watt, working on early steam engines, described a fit between piston and cylinder as being so precise that "a worn ha'penny can scarce be passed between them." He didn't say how thick a worn ha'penny was, or how far out of round the parts may have been; but, in spite of their crudity, such measurements enabled him to successfully design and build engines which helped initiate Britain's Industrial Revolution.

Since then, our physical measurements have advanced in scope to cover the range from light wave lengths to light years, with concomitant progress in precision, accuracy and standardization. But our human engineering proceeds now, as then, by trial and error. We lack the means and the units for measuring a man, and the words "human equation" stand for unknown and unpredictable results.

Suppose for a minute that this were not so—suppose that men's responses could be accurately evaluated. Think of the unsalable products that would never be made, the Hitlers of the future who would never rise to power, the depressions that might be averted, and the unhappiness that might be mitigated. Perhaps this would make it a duller life, but one could always take up crossing streets against the lights, or parachute jumping, for excitement.

So, in our world of the future, let's include in our little plastic cottage, the one with the twin rocket-launching platforms on the patio, a man-stick (like a yardstick, only different) for measuring people's characters, and a small text book on the mathematics of social behavior, complete with fudge factors to be used for computations involving women.

RED CROSS DRIVE

(Continued from Page 1)

floods, and other great national calamities, and they provide shelter, food, clothing, medical and nursing care for those affected.

First Aid, Water Safety and Accident Prevention programs are avail-

able, and no doubt most of us at Iron Fireman have benefited from one or all of these courses, especially during the war years.

The Junior Red Cross had a membership of 20,000,000 children last year, and these youngsters not only sent gift boxes for children in other countries but have also maintained a



FOR SALE: Goodell-Pratt Lathe, 12" centers, 6" swing, with compound tool rest and 3-jaw universal chuck. \$35.00. Harold Walker, Production Control.

FOR SALE: Avoid that 5 o'clock shadow. Do it wherever or whenever you like. Do what? Shave with a Sunbeam Shavemaster. Call Richard Wright, Heating Control. \$11.00 Cash.

FOR SALE: A Weston Master exposure meter, like new. Complete with case. Also misc. chemicals, graduates and developing tank. All this and heaven knows what for \$27.50. Call Richard Wright, Heating Control.

FOR SALE: One complete volume of Reducing Lessons entitled "How to Reduce in 3 Months." Slightly worn but still readable. Former owner will not guarantee results. After three years has given up with exclamation, "Oh, what the hell's the use?" Call E. L., Heating Control Division, for complete details. Consider trade for two-way stretch girdle, size 42.

FOR SALE: 120 base piano accordion. (Italian make.) Very good condition. See Fred Gettel.

NEEDED very badly, an apartment or house to rent. Nearly a year now and no place we can call our own. See Richard Buckley.

National Children's Fund to be used in behalf of children. With this activity has come an awareness of our world community, and the elimination of prejudice among our children.

Remember—it is your contribution that keeps the Red Cross alive—ready to be of assistance to those who need help.

The March 1st issue of the Saturday Evening Post (out February 26) carries an article on Portland. This is one of a series on leading cities. Written by Richard L. Neuberger, it emphasizes Portland's indecision between her easy-going past and the possibilities of a busy industrial future.

Our Customers' Dollars and Where They Go

Iron Fireman's consolidated net profit from all sources for the year 1946 amounted to \$769,102 after Federal and Canadian income taxes. Of this amount, \$433,010 came from our regular manufacturing operations in which the men and women in our various plants who manufactured the products, including the Heston Control Thyristor, our field organization which helped dispose of them (together with our dealer organization and Retail branches), our service department which took care of them after they were installed and our accounting department that recorded the results of our operations, all had a hand. In producing these profits from operations, which amounted to 3.7% on our sales volume of \$11,515,823, our employees received \$2,856,169 in payrolls, which is equal to 24.8% of our dollar sales. After deducting the \$433,010 which was earned from our regular manufacturing and selling operations, from the total profit of \$769,102 for the year, there is remaining \$336,092 of profits that came from unusual sources not related to our regular operations. This includes profit on the disposal of our marine engine plant, profit on the sale of various machine tools that we no longer required, and special income credits such as the \$69,225 that came as a result of the Canadian dollar being brought into line with the U. S. dollar. This permitted us to return to profits this year a reserve that had been previously carried to write down the net current assets of our Canadian subsidiary to the par of exchange with U. S. dollars.

Our regular profit and loss statement will appear in our annual report that will be issued to stockholders about March 6th of this year. Interpreting this report in another way, let us assume there were 250 operating days during the year 1946. Total net sales from all sources amounted to \$11,515,823 for the year. This represents an average sales volume of \$46,063 per eight hour day, or about \$5,758 per hour. This is the money we received from our customers in exchange for our products and services. With this money, we paid all wages and salaries, purchased materials and paid operating expenses. We also paid our stockholders rent for the use of their money which they have invested in buildings, machinery and materials, all of which were necessary to make all our jobs possible last year.

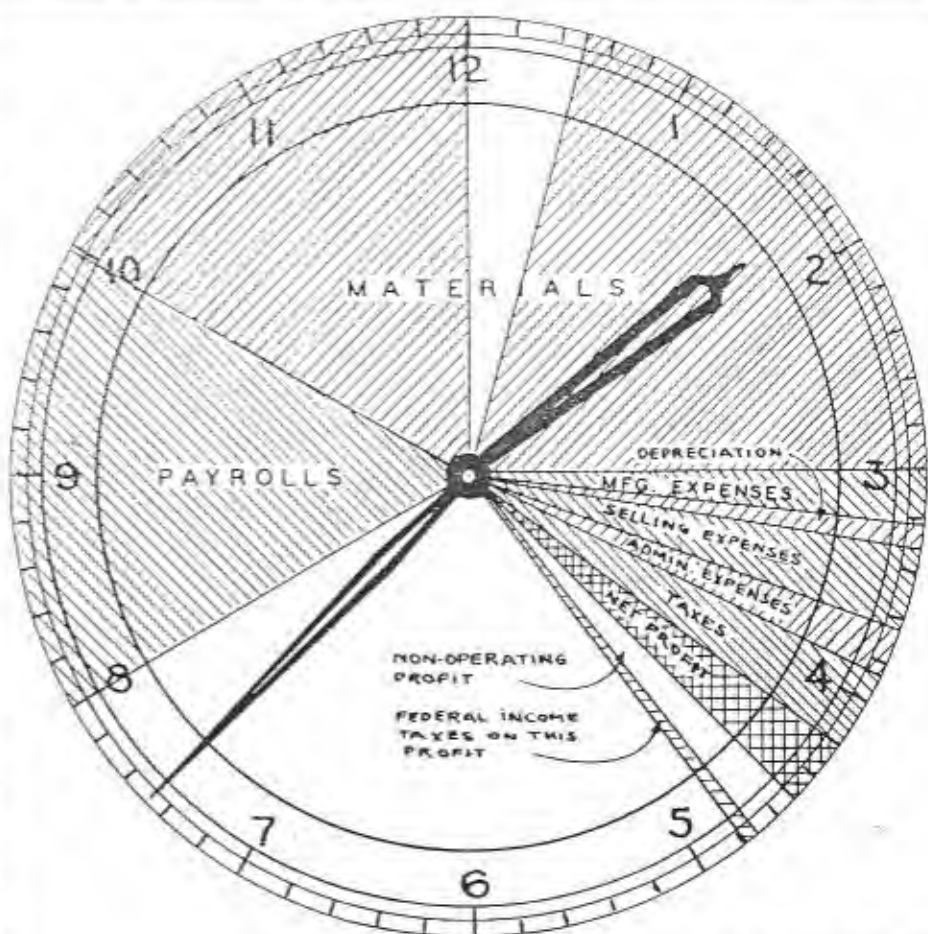
Where does all this money go? The clock shown on this page furnishes us quite a vivid picture of where it goes. The normal operating day in our company begins at 8:00 A. M. and closes at 4:30 P. M. with a half hour off for lunch between 12:00 noon and 12:30 P. M. From this clock can be seen some very interesting and significant facts. For example, the clock shows that all of the day's income from 8:00 A. M. until 9:59 A. M. is laid aside to meet the daily payrolls. The income from 9:59 A. M. until 2:59 P. M. is laid aside for the payment of materials, and so on. Not until eighteen minutes before quitting time, 4:12 until 4:30 P. M., can the company lay aside any money for future expansion, for improvements, or for the owners of the business.

This appears to be the daily time table:—>

Yes, we have had a profitable year for 1946, and one which we should be proud of, but it has taken the miscellaneous bits of profit received from all sources and earned after 4:30 P. M. to augment our profit from operations in order to have a satisfactory showing. These are things which we should keep in mind when we review our profit and loss statement for 1946. Let's try to make 1947 an even better year and we can be sure we will all feel a good deal better about it if our income comes from manufacturing and selling our product rather than from unusual and non-recurring items.

We have come through a year that was beset with all manner of disturbances to smooth efficient operation, such as shortages of motors, transformers and other critical items necessary to our production.

With most of these difficulties behind us we hope and with everybody's shoulder to the wheel, let's all put 1947 over with flying colors.



	From	To	Daily Amount	Total Annual Amount
Income received from our customers in exchange for our products and services	8:00 a.m.	4:30 p.m.	\$46,063	\$11,515,823
HOW THIS INCOME IS LAID ASIDE OR SPENT				
Laid aside for payrolls	8:00 a.m.	9:59 a.m.	\$11,425	\$ 2,856,169
Laid aside for materials that are used in the manufacture of our products	9:59 a.m.	2:59 p.m.	\$25,942	\$ 6,485,550
Manufacturing expenses such as power, light, fuel, supplies, repairs, etc.	2:59 p.m.	3:13 p.m.	\$ 1,336	\$ 334,050
Laid aside funds to replace worn out or obsolete machinery, buildings and equipment	3:13 p.m.	3:18 p.m.	\$ 490	\$ 122,450
Pay for salesmen's traveling expenses, advertising, sales promotion	3:18 p.m.	3:38 p.m.	\$ 1,931	\$ 482,713
Pay for legal and other professional services, telephone, telegraph, office supplies and expenses	3:38 p.m.	3:52 p.m.	\$ 1,316	\$ 329,075
Pay for all city and county taxes, state and federal income taxes on operations	3:52 p.m.	4:12 p.m.	\$ 1,891	\$ 472,797
TOTAL EXPENSES DEDUCTED FROM SALES				\$11,082,813
Leaving net profits from operations to be laid aside for future expansion, improvements, or for the owners of the business	4:12 p.m.	4:30 p.m.	\$ 1,732	\$ 433,010
QUITTING TIME				
Income arising from sources other than manufacture and sale of our products, such as disposal of war plants and other capital assets	4:30 p.m.	4:47 p.m.		\$ 414,388
Federal income taxes on this income				\$ 78,293
Net Profit from this income				\$ 336,092
TOTAL PROFITS				\$ 769,102

B-50

Some of those strange parts floating through the plant don't look like Iron Fireman equipment, and on closer scrutiny you will find them to be a fitting or a bracket or some thingamagig used on the B-29 Stratofortress now under construction by the Boeing Aircraft Company.

Evidently our Air Force hasn't given up the idea of aircraft development just because the war is over and the shooting has stopped. It hardly seems possible that the B-29 is already outmoded, but it is. And, speaking about the B-29, this new B-50 uses the same oleo strut supports (surplus parts produced by Joe Haag and gang) only it is milled to lighten it up. We at Iron Fireman can vouch that the oleo strut support was really a tough member, and when bigger aircraft is built, they can still use it.

As usual, all requirements of the Air Force are marked "Rush and Urgent" and they are depending on us to help them in a small way to produce this air giant. We have contracted for approximately 2000 hours per month, mostly work in mills and drills. This project will come in very handy, especially after the heavy schedule is behind us. Our ability to secure more of this work from Boeing depends on our deliveries. We hope more of this sub-contract work will be made available to us in the future.

March of Dimes Report

Contributions for the March of Dimes totalled \$353.99, or an average of \$.82 per employee from all our Portland plants. Group averages were as follows:

Plant 1 & 2—Shop	\$81
Office (not including company executives)	.93
Retail	.46
Heating Control	.82½
(Retail was low because all shop employees were not contacted. The average for those contributing was \$.96 each.)	

Thanks a lot for your splendid support of this drive.

Correction

In the article on the Industrial Hospital Association plan featured in the January issue, we find that one paragraph on Page 1 should have read as follows:

Hospitalization services include: Ward service, general nurse, X-ray, laboratory, medicine and surgery—for 6 months if doctor recommends, or private room and special nurse for 30 days if doctor requests.

TOOL DESIGN

(Continued from Page 3)

as well. Especially successful was the looking for the Nety valve and B-29 strut jobs at our plant.

All organizations are presented to the shop at a round table discussion with foremen present, finally worked out in completed design and then made in tool design as approved by management and production.

In the past, the opinion has been too often that if those pencil-pushers up there would quit dreaming up nightmares and come down and get their hands dirty, they would learn what it is all about. This is a mistake. The requirements for an applicant as tool designer call for not only a college degree but actual shop and tool-room experience. Of the eight men now in the department, five are graduate engineers. A knowledge of



higher mathematics is essential as they must know their figures and their metals when they start figuring how much material will stretch, compress, bend, spring or harden while being formed. Angles, strains and many other related aspects of the job must be understood. These fellows would be the first to admit that no one or any group knows it all. They always work with the idea in mind of complete co-operation with the shop. If any one using a tool or fixture has any ideas for improvement, they will always receive due consideration.

Eugene Butzer, chief tool designer, is head of the department. He has spent 27 years making and designing tools. Five of these were in a tool room. He has been with Iron Fireman a little over 10 years. Gene's hobbies are flowers, bulbs and motion pictures.

Emil Knuth, the senior member of the department, has been with Iron Fireman 19 years. Emil used to bowl

and also used to be a stamp collector. Nowadays, he can be found noons working his fingers to the bones in the north end of the shop.

Don Allen served a hitch in the armed service of his country and returned to us in September, 1945. Don plays golf, bowls and now has developed his photography into a profitable sideline with baby portraits.

Albert Kall hasn't been with us so long, but he seems to be one who gets things done. He landed in our fair city on a Sunday by train, located a house and paid down some earned money that evening and got a job at Iron Fireman the next morning. Woodworking is his hobby when time permits.

Robert Richards likes to tinker with wood, and gardens a good deal. He enjoys seeing a good game of football.

Bob Cummings is an amateur cartoonist and likes chess and does some portrait sketching.

Ed Sinclair is a year-round golfer, and his whole family like mountain climbing and the Mazama's walks.

T. G. Aleksen has followed this occupation all his life and perhaps it is a case of cause and effect which makes him like to get outdoors as much as possible.

Last, but not least, is Arline Nicoll. Arline acts as secretary and book-keeper. She types tool record cards as drawings are released, keeps up the files on tool drawings and runs the Bruning black and white printing machine. Now about 75,000 prints a year are made on this.

Nurse: "I think he's regaining consciousness, doctor. He just tried to blow the foam off his medicine."

© © ©

"What's the difference between repartee and impudence?"

"The size of the man who says it."

© © ©

Filling a tooth may be boring but it certainly keeps you on the edge of your chair.

VITALISTICS

STORK CLUB:

To Mr. and Mrs. Sam Eckhardt, Tool Room, Plant 1, a daughter, Judy Kathleen, 6 lbs. 1 oz., February 9.

WEDDING BELLS:

Rosemary Snodgrass, Order and Billing, to Tom Halvorsen, February 8.

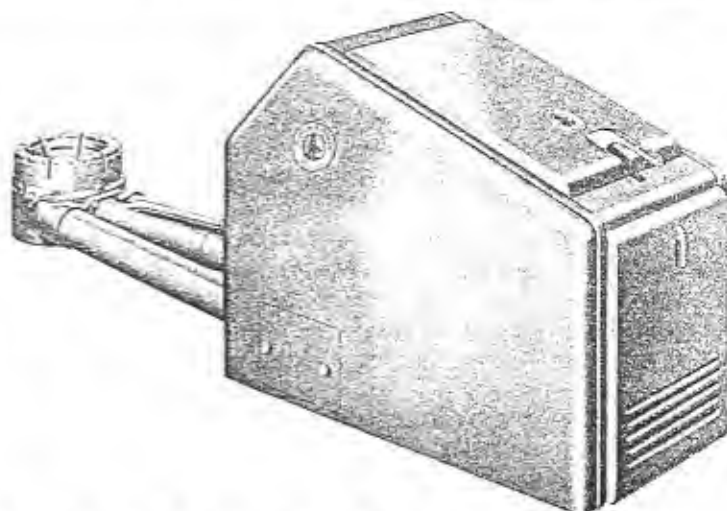
Hopper Model Controls

By E. J. S. S. S.

The best stoker is no better than the controls operating it and even an Iron Fireman stoker requires controls to be automatic. Standard equipment for a stoker includes a plain thermostat, Model C200 controller and Limit regulator.

A room thermostat is our Model T114, which turns on the stoker whenever heat is required. The stoker must be operated at regular intervals to keep the fire alive and maintain a good firebed, so each control requires a refueling timer for this purpose. This is set to whatever refueling period is necessary, at the discretion of the installer, and usually is set to operate the stoker for a few minutes every hour. Incidentally, this is one of the advantages of a stoker, as the furnace or boiler is always warm and the supply of heat to the home is more uniform than with other types of heat.

The limit control is installed on the furnace or boiler and serves to prevent a safe operating temperature or pressure from being exceeded. Models are available for every type of heating plant. For a forced hot water system, regulators with two or three switches are used, depending on the application. The home owner has his choice of a plain or duplex thermostat and can have a duplex thermostat and timeswitch installed at an additional charge. Most owners will prefer the duplex system because of its greater convenience.



Hopper
Model
Stoker

HOPPER MODELS

(or Lesson # 2)

By JEANETTE LEX

A few issues back, you will remember (of course!) the story of the Iron Fireman Coal Flow Stoker. This was the stoker that automatically brought the coal from the bin right into the furnace.

Since we hear mention of the Iron Fireman Hopper Model so frequently, we want to take a look at its merits. Picture a large plant with a double row of boilers to be fired. Then mentally "install" a hopper model stoker in each of them. Now one man can easily maintain a proper and constant steam pressure by simply keeping the hoppers filled — and he has

probably reduced the heat bill up to 50%.

Contrast this system with the old hand-fired method where a number of men would be required to shovel the coal into furnaces. Much heat escaped out the front of the furnace and was wasted. The cold coal not only smothered the fuel bed and cooled the fire, but also, as it heated, gave off a carbon gas which, with the insufficient amount of air, promptly went up the chimney in thick, black smoke.

Iron Fireman automatic underfeed stokers work on the "meat grinder" principle—the coal traveling along inside the pipe, out of the hopper directly into the firebox of the furnace. The term "underfeed" refers to those stokers in which the coal moves into the furnace from underneath, just as the "overfeed" stokers, such as the Pneumatic Spreader Stoker, feed from the top.

As the coal is pushed upward into the firebox, it is gradually warmed and those carbon gases which formerly caused the heavy black smoke, now with the proper amount of air (15 lb of air to 1 lb of coal), are all economically turned into heat.

This is not meant to imply that Hopper Models are used only in commercial installations. The same savings are possible in your own home. The Hopper Models are known for their original low cost and their durability. Installations eighteen years old are still giving excellent service.

While Coal Flow stokers also accomplish what the Hopper Models can do, so far as heating service is concerned, it is not always possible to install them because of basement arrangements, coal storage facilities, etc.

It just goes to show that Iron Fireman has a stoker that fits your needs.



Round-up time comes early to the Taylor Ranch.



STRICTLY PERSONAL



Irene Evers

Henry Evers is one proud Dad these days. His daughter, Irene, was one of the 27 honor students of the city invited to the "E" dinner given by the Oregon Journal last month. This is an occasion for each graduating class. To be eligible, a student must have E grades in all subjects for the whole four years of high school. In addition to this, Irene was never late and was only absent one day. Just to show she could do it the hard way, Irene has worked part time the last two years. She plans on college, but it is not decided yet between her choice of a college at Valparaiso, Indiana or her mother's preference for one in Oregon. Your reporter suggested that Mrs. Evers must be a wonderfully smart woman, but Henry won't concede that it all comes from one side of the family.

Rudy Sott is practicing up for the proposed bounty on starlings. You should see him potting away at visiting sparrows with a rubber band and paper clips.

We don't know what Howard Nelson was watching or hearing, but he was really burnt up about it. At least his hip pocket was where some low-down, short person er-ah-dropped a butt.

Recent visitor seen around the shop and office was Mr. A. J. Hanje, Chief Production Engineer from Cleveland, who spent the second week of February with us.

Just anyone can be in a hurry to go bowling and leave his car keys safely locked on the inside of the car. Just ask Ed La Fortune.

Ed La Fortune's little brother Bob was seen the other morning flagging traffic at Holgate and the Super Highway, where a four-car accident had traffic nearly stalled.

Bordy Salerno came to work one morning with one tooth missing and just gave a wry grin when asked how come.

In Memorium

It was a shock to the Iron Fireman family to learn that Norman Parrish, our janitor and very good friend, passed away suddenly on Wednesday, February 12 at noon. He was stricken with a heart attack and lived only a few minutes after arrival at the hospital.

He had a very keen sense of humor and it was always a pleasure to meet him and exchange jokes. Usually he could top yours.

Before coming to Iron Fireman in November, 1942, he owned and operated a bakery in Taft, Oregon. He was a very fine musician and played drums in a local dance orchestra.

We are all grateful to have known him, and he will be missed by all his friends here. Our sincere and heartfelt sympathies are extended to his family.

Recently Herb Taylor's cow took one of those spells cows will and ran away, with Herb in hot pursuit. Over lawns, up and down gardens, through fences, clothes lines and flower borders went Bossy and Herb, with all the calm and quietness of a couple of tanks.

Verda Berg is definitely Plant One's Pin-up Girl. Her picture (clipped from the Ironman) is all over the place, above machines, tacked on posts, on tool box covers, on the paint booth and even hanging from the rafters. She has that certain something the boys like to look at while they are working!??

After 13½ years with Iron Fireman, Charlie Shepherd struck out with the hopes of greener pastures. He didn't get very far. He can now be found across the street at our Retail Division. Still the same church, just a different pew.

One of our fellow workers and his family have agreed that this year, while things are so desperate in Europe, they will not spend any money for anything that is not absolutely necessary and instead will send as many packages of food to Europe as they can. They are sending from 0 to four packages each week. Even though the rest of us may not feel that strongly on the matter, it will help if we send a package even occasionally. It also gives a deep down good feeling to the sender.

Jeannette Lux likes the rural life, but she has trouble reading a cow's mind when it heads her way in a hurry. She couldn't climb the tree, but she found that a few apples handily distracted the cow's attention. Darn it! Our photographer misses some of the best pictures!

It's good to see you back again, James Fitzpatrick, in Assembly, and Myron Gist on Turret Lathes. Both former employees.

(Continued on Page 8)



Jimmy and Perky Richardson; Jimmy Foss (McBroom's grandson); Sheila Harris and Linda Lou Williams.

Heating Control Party Girls are at it Again

It seems at least once a year our little group of party girls at H. C. have to make the news one way or another. This time, it was a Valentine Party. We always thought Valentine Day was for lovers, and in our little black book, it always calls for one of each sex. But not these gals! No street! They just go by themselves. Must be a cult or sumpin'?

Starting with appetizers and cocktails at Joan Linden's, they began their progressive dinner at 6:00 p. m. We always thought a Progressive Party had something to do with politics, like Republicans, etc., but maybe not. Soup and salad was served by Lois Riesel in a most charming manner, as it can only be done by this lovely little lass. Leaving the soup bowls for her mother to wash, they dashed to Gladys Koch's homestead for the main course of their little trip. To top this off, it was dessert served by Nina Peake. Now most of us would light a choice cigar like those furnished by Mr. Hecox, but not these gals. Away they go on their mad flight to the Clover Club, where they enjoyed the last show. Besides Edith, Verda, Edna and Josephine, there were two unexpected guest ex-employees, Charlotte and Marcel.

It seems good to see so many of our former employees with us again. And we especially want to welcome our new employees, Clair Henderson, Edward Jossie, John Johnson, Glenn Moore, Ural Marshall, Marvin Loughmiller, James Thompson, Carl Warner and Guy Zimmerman.

Former employees are Lucile Bradley, Jean Becker, Helen Clark, Ann Crosier, James Darling, Madeline

OLD MAID'S CORNER

From Heating Control Division

(Our Notion: "The way" held for our, I only found...)

TRUTH IS STRANGER THAN FICTION

or
AIN'T IT THE TRUTH
or
WHO'D A THUNK IT?

A. Nonymous

Once upon a time, many long years ago, there lived in the City of Roses (that's Portland for you, tourist) a young man. Now that's a silly thing to say—ever since Adam, there's always been a young man; otherwise children—well, there just wouldn't be any—but this story we will continue next week in our birds and bee story.

So to get back to our young man who, since we left him, has grown a somewhat fuzzy beard and has now reached the blooming age of approximately 24 years. Being a normal young man, he is feeling his oats and takes a trip to Spokane to have wide open spaces to sow them in. Upon arrival, our subject, and several of the local boys and friends of years gone by, proceed to do the town up red. Leaving no stone unturned, they of course take in the main street, watch the birdie man who squeezes the bulb and the lightning flashes, and out comes the deep pan, starry-eyed tintype you see below:



However, that was not the real story. All the above was written to take up space. You know, it takes more darn lines to fill this lousy sheet than one would believe. It seems one of the above gentlemen is an employee at Heating Control Division and

read in the "Iron Man" that a certain Mr. ***** was working at Plant No. 1. Although this picture was taken in 1910, 37 years ago, he has seen the Mr. X since, but not for 25 years; now we thought it would be fun to see if the Plant No. 1 employee would be willing to admit his identity. However, if he doesn't do so by next issue of the Iron Man, it will be our privilege to tell you more about this trip to Spokane, about the little girl at Joe's—well, we had better save it for the next issue, so don't forget. Dear Reader, the next chapter will be more juicy than the first, so don't fail to get your copy early.

Dixon, Ruth Draper, Galen Goodale, Jennie Henderson, Mollie Ingles, Joseph Morrow, Helen Manning, Annie Poletick, Thelma Ray, Henry Remillard, Jeannette Randol, Zora Richards, Elaine Smith, Joseph Stevens, Lillie Stokes, Dorothy Steele, Elisabeth Seitz, Myra Taylor, Cecil Wilkie, Ruth Walsh and Bernadine Wittmayer.

IRON MAN

Published each month by the employees of the
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Contributors this issue	
R. Lee Cox	Elise Spahr



PINBALL PATTTER

By GEORGE PORTER

Upsets were in order at Rose City Bowl Thursday, the 13th. (The last bowling before our deadline.)

The Poppies who have been hanging onto the cellar spot, got good and mad and took all three games and four points from the Pansies. Bob La Fortune was high man for the Poppies with 539 and Scotty Laing, "Captain" of the Pansies led his team with 535.

Chet Banta's Carnations who are leading the league lost three points to Les Strand's Roses. Chet had high single game for the evening with a nifty 235 in his second game. (Nary a miss.) We won't mention the other two games of 126 and 112. One of Chet's teammates, Steve "Putt Putt" Putnam, lost that well known shirt of his to the entire Roses team. Strand and Rigutto's 532's helped them win.

The Sweet Peas knocked the Asters ears back for four points with "Hot-shot" Fred Hansen's big 616 helping to do the trick. Fred gets third high 3 games out of it too. Earl Winkler's 553 was plenty good for the Asters, but the rest of the team let him down. Herb View not only joined the "Gutter Ball Club" once, but did it twice in one evening.

The Bachelor Buttons and the Orchids split their points, two each. Ed La Fortune was high for his team with a snappy 576 which is a lot of wood. Al Hoffmeister ("Tubby" to youse guys) led his team with 539. We heard that Jay Berry, a Batchelor Button, took a lusty back swing and dashed toward the foul line to deliver the ball, but when he got there he had no ball. On his backswing it had slipped from his fingers and had fallen on the floor.

The Snap-Dragons, paced by Jim Piehl's 538, took three points from the Tulips, and their 1005 second game is good for second high single game in the league standings. Ed Hoffmeister piled up a lot of wood for his Tulips, but his 573 only helped win one point.

A couple of items to add. Wes Richardson now has third high individual single game with 241. Fred Hansen now leads on the averages with 181.

The League is entering two teams

Strictly Personal

(Continued from Page 5)

We've seen a lot of new faces around the drill presses recently, and right now we want to welcome Don Cutting, Jarold Kraive, Dale McKenna, Willis Urban, Charles Strader, Elmer Sanister, Robert Malsom and Walter Carlkuff.

We also want to welcome Robert Bower, in Burring; Harold Usher, our new shop janitor; and Walter Stewart, washer operator.

And while we are welcoming so many, we want to add Donald Huff, Richard Campbell, Victor Franek and Carl Hall, who are really turning out work on the Turret Lathes.

Perhaps this is indelicate, but it certainly isn't nice when some one finds snoose or tobacco spit on parts, boxes, machines, drinking fountains and other places where he has to put his hands. Let's be a little more considerate, please.

Now we know why Dott Zanotto leaves dances early. Just so she can spend 2½ hours out in front of her house—talking.

It seems as though Lois Mendenhall just can't quite forget her high school days or her teachers, one in particular. She's been seeing quite a bit of him lately.

Lewis Cox sought legal advice. He parked over town in a metered time zone (time is of the essence of the contract). One of our erstwhile upholders of the law in a blue uniform with a star, pencil and book of tickets also had the time. In fact, he took the time to write a ticket. Lewis Cox got more legal advice than he bargained for!

How does Fred Hansen happen to get THorndyke 8900 so often?

We missed Mary Foley during the first week of February.

in the big City Tournament at Portland Alleys from March 1 to 9. Team 1 is composed of Ed La Fortne, Bill Schuff, Ted Kinney, Al Hoffmeister and Earl Winkler. Team 2 consists of Terry Lowry, George Porter, Jim Piehl, Scotty Laing and Les Strand.

Good luck, fellows!! Here's wishing you loads and loads of wood!

A good friend to cultivate is Mildred Smith especially since she has been appointed to the Office Payroll Department.

If Phyllis Johnson doesn't stop getting orchids, gardenias and flowers in general, we will refer to her office as the greenhouse department.

All the girls are sorry to see you leave, Barbara Pierce.

At last Wes Richardson has some help on the flower fund. Katy Sims and John Leake are also on the committee now. If you know of anyone needing the ministrations of this fund, notify any of these three.

Everything went well with the chest X-rays until it came to Slim Bowers. The frame overhead was hardly high enough and the picture frame couldn't go high enough, and Slim couldn't settle low enough and keep his chest close to the frame. After a little preliminary jockeying, the winning solution was for him to sit on a stool with his hands around the apparatus. Guess the designers of that contraption never saw a real man!

Retail Sales may be the smallest part of Iron Fireman, as numbers go, but we've grown a lot during February. Lela Peters is working in the office now, and Tom Barclay is our new office janitor. Then we'd like to welcome to the shop Arvo Klint, Charles Shepherd, George Vincent, Jim Miller, Victor Eaton and Earl Lyons.

Do right and fear no man: don't write and fear no woman.

• • •

"How did you break your leg?"

"I threw a cigarette into a man hole and stepped on it."

• • •

"And did you know I am sending my daughter abroad to study music?"

"No, I didn't, but it's very thoughtful of you."

• • •

Cop: "Lady, don't you know you're parked in a safety zone?"

Lady: Sure, silly! That's why I drove in. I never take a chance if I can help it."

• • •

Teacher: "Johnny, what do you consider the greatest accomplishment of the ancient Romans?"

Johnny: "Speaking Latin."